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(54) Title: METHOD FOR MODIFYING PLANTS

(57) Abstract: A method for increasing the level of 4-desmethyl sterols in a plant comprises increasing the enzymatic demethylation of 4-monomethyl and 4,4-dimethyl sterols. The enzymatic demethylation may be effected by the use of a gene expressing a C4 sterol methyl oxidase (C4SMO).